



Stephens City Newsletter

VOLUME 28, ISSUE 4

JULY AND AUGUST 2009

SPECIAL POINTS OF INTEREST

- **Water and Sewer Billing**—Page 5
- **Newtown Heritage Festival Letter of Thanks**—Page 5
- **More Cruise In Information**—Page 5

INSIDE THIS ISSUE:

| | |
|-----------------------------|-----|
| Yard Crawl | 1 |
| Annual Water Quality Report | 2-4 |
| Farmer's Market | 5 |
| Town Calendar | 6 |
| Business Spotlight | 6 |

For more information on the YARD CRAWL, please visit the Town's website at www.stephenscity.vi.virginia.gov or call the Town Office at (540)869-3087

Stephens City Newsletter is published by the Town Government of Stephens City for its citizens, to inform, to apprise, and to clarify the issues and undertakings before the Town Government. Citizen feedback is encouraged. Contact the Town Office at 1033 Locust Street weekdays between the hours of 8:30a.m. and 5:00 p.m. or by mail: P.O. Box 250, Stephens City, VA 22655

Phone: 869-3087 Fax: 869-6166 Police: 868-1012 Website: www.stephenscity.vi.virginia.gov

Shenandoah County "Route 11 Yard Crawl" featuring Stephens City & Middletown

August 8, 2009



**Our 5th Annual
Event along scenic
Route 11, the "Old
Valley Pike." NOW
43 MILES AND NINE
TOWNS!**

Valley Cruiser's of Winchester

20th Anniversary Cruise-In

Saturday, July 18, 2009

(Rain date Sunday, July 19, 2009)

9:00am – 3:00 pm

Registration 9:00-12:00 ~ FREE

Newtown Commons, Stephens City VA
(US Route 11 – Across from Clem's Garage)



Commemorative 20th Anniversary Match
Box Car to the first 100 registered
vehicles and the first 10 registered
tractors— to be given away at 3:00 pm

Very limited quantities of T-shirts and Dash
Plaques will be available for purchase

Great Food will be available for purchase by Country
Catering, and Hershey's Ice Cream

For more information call:
Rick (540) 888-9948 or (540) 533-4755 or
Butch (540)869-5166 or
wmathewsjr@aol.com

www.valleycruisersofwinchester.com
www.capitalcruisin.com

In accordance with the Virginia Department of Health, the Town is required to print and provide the Annual Water Quality Report. Should you have any questions or like a hard copy of the Water Quality Report, please contact me as soon as possible.

*Michael K. Kehoe
Town Manager*

Annual Drinking Water Quality Report Town of Stephens City

INTRODUCTION

This Annual Drinking Water Quality Report for calendar year 2008 is designed to provide you with valuable information about your drinking water quality. We are committed to providing you with a safe and dependable supply of drinking water, and we want you to understand the efforts we make to protect your water supply. The quality of your drinking water meets all state and federal requirements administered by the Virginia Department of Health (VDH).

If you have questions about this report, want additional information about any aspect of your drinking water, or want to know how to participate in decisions that may affect the quality of your drinking water, please contact:

Mr. Michael Kehoe, Town Manager at 540-869-3087

You can obtain additional information by attending Town Council meetings held at 7:30 p.m. the first Tuesday of each month in the Town Council Chambers.

GENERAL INFORMATION

As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and can pick up substances resulting from the presence of animals or from human activity. Substances (referred to as contaminants) in source water may come from septic systems, discharges from domestic or industrial wastewater treatment facilities, agricultural and farming activities, urban storm water runoff, residential uses, and many other types of activities. Water from surface sources is treated to make it drinkable while groundwater may or may not have any treatment.

All drinking water, including bottled drinking water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

SOURCES AND TREATMENT OF YOUR DRINKING WATER

Your drinking water is surface water purchased from the Frederick County Sanitation Authority (FCSA) and obtained from the quarries located on the west side Stephens City. Water is distributed to the Town from master meter connections to the FCSA system through various sized distribution pipes. Storage for the Town is provided by the FCSA.

All water supplied to the Town undergoes treatment. This treatment is accomplished at the James H. Diehl and James T. Anderson water treatment plants prior to entering the distribution system; water treatment consists of chemical addition, flocculation, sedimentation and filtration to remove turbidity, chlorination to

disinfect the water and fluoridation to aid in reducing tooth decay.

SOURCE WATER ASSESSMENT

A source water assessment for the Frederick County Service Authority was completed by the Virginia Department of Health (VDH) on 10 April 2002. This assessment determined that the Authority's Stephens City water source may be susceptible to contamination because it is surface water exposed to a wide array of contaminants at varying concentrations. Changing hydrologic, hydraulic and atmospheric conditions promote migration of contaminants from land use activities of concern within the assessment area. More specific information may be obtained by the Frederick County Sanitation Authority at 540-868-1061.

QUALITY OF YOUR DRINKING WATER

Your drinking water is routinely monitored according to Federal and State Regulations for a variety of contaminants. The table on the next page shows the results of our monitoring for the period of January 1, 2008 to December 31, 2008.

Most of the results in the table are from testing done in 2008. However, the state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, is more than one year old.

DEFINITIONS

In the table and elsewhere in this report you will find many terms and abbreviations you might not be familiar with. The following definitions are provided to help you better understand these terms:

Non-detects (ND) - lab analysis indicates that the contaminant is not present

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level, or MCL - the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal, or MCLG - the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Variances and exemptions - state or EPA permission not to meet an MCL or a treatment technique under certain

Inorganic Contaminants

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | Violation | Date of Sample | Typical Source of Contamination |
|---|------|-----|--|------------------|----------------|----------------------|--|
| Nitrate James Diehl WTP James Anderson WTP | 10 | 10 | -- 1.56 2.57 | mg/l | -- NO NO | -- 10/08 07/08 | Runoff from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits. |
| Fluoride James Diehl WTP | 4 | 4 | -- 1.11 (Avg.) Range 0.97 – 1.11 | mg/l | -- NO | -- 09/08 | Erosion of natural deposits; Discharge from fertilizer and aluminum factories; |
| James Anderson WTP | | | 1.04 (Avg.) Range 0.96 – 1.04 | | NO | 02/08 | Water additive which promotes strong teeth |

Radiological Contaminants

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | Violation | Date of Sample | Typical Source of Contamination |
|--|------|-----|------------------|------------------|----------------|----------------------|---------------------------------------|
| Gross Alpha James Diehl WTP James T. Anderson WTP | 0 | 15 | -- 1.9 0.8 | pCi/l | -- NO NO | -- 07/08 04/07 | Erosion of natural deposits |
| Beta Emitters James Diehl WTP James T. Anderson WTP | 0 | 50 | -- 3.1 2.7 | pCi/l | -- NO NO | -- 07/08 04/07 | Decay of natural or man made deposits |
| Combined Radium James Diehl WTP James T. Anderson WTP | 0 | 5 | -- 0.2 1.6 | pCi/l | -- NO NO | -- 07/08 04/07 | Erosion of natural deposits |

Disinfection Residual Contaminants

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | Violation | Date of Sample | Typical Source of Contamination |
|---|------|-----|--|------------------|----------------|--------------------------|---|
| Chlorine Town of Stephens City Frederick County Sanitation Authority | 4 | 4 | -- 2.04 (avg.) Range 1.1 – 2.3 2.50 (avg.) Range 1.3 – 3.2 | mg/l | -- NO NO | -- Monthly Monthly | Water additive used to control microbes |

conditions.

Entry Point (EP) – place where water from the source or sources after the application of any treatment is delivered to the distribution system.

WATER QUALITY RESULTS**Microbiological**

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | Violation | Date of Sample | Typical Source of Contamination |
|--------------------------------|------|---|-------------|---------------------|-----------|----------------|--------------------------------------|
| Total Coliform Bacteria | 0 | Presence of Coliform bacteria in > 1 sample per month | 0 | Presence or Absence | No | Monthly | Naturally present in the environment |

Turbidity

| Contaminant | MCLG | MCL | Highest Single Level Found | Unit Measurement | Lowest Monthly % <0.3 NTU | Violation | Date of Sample | Typical Source of Contamination |
|--|------|-----|----------------------------|------------------|---------------------------|-----------|----------------|---------------------------------|
| Turbidity (1) James Diehl WTP James T. Anderson WTP | NA | TT | -- 0.20 0.22 | NTU | 100 100 | NO NO | 08/08 05/08 | Soil Runoff |

(1) Turbidity is measure of the cloudiness of the water. We monitor it because it is a good indicator of our water quality and the effectiveness of filtration process.

Total Organic Carbon

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | Violation | Date of Sample | Typical Source of Contamination |
|---|------|-----|--|--------------------------------------|----------------|--------------------------|--------------------------------------|
| Total Organic Carbon (1) James Diehl WTP James T. Anderson WTP | NA | TT | -- 1.20 (avg.) Range 1.00 – 2.23 1.00 (avg.) Range 1.00 – 1.00 | Ratio of Actual to Required Removals | -- NO NO | -- Monthly Monthly | Naturally Present in the environment |

(1) Total Organic Carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection by-products. These by-products include trihalomethanes (THM) and haloacetic acids (HAA5). Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver, or kidney problems, or nervous systems effects, and may lead to an increased risk of getting cancer.

Disinfection Byproduct Contaminants

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | Violation | Date of Sample | Typical Source of Contamination |
|--|------|-----|------------------------------------|------------------|-----------|----------------|---|
| Total Trihalomethanes (TTHM) Town of Stephens City | 0 | 80 | -- 17.75 (avg) Range 14 - 24 | ppb | -- NO | 09/08 | By-product of drinking water chlorination |
| Frederick County Sanitation Authority | | | 24.69 (avg) Range 8.9 - 58 | | NO | 07/08 | |
| Haloacetic Acid (HAA5) Town of Stephens City | 0 | 60 | -- 10.5 (avg.) Range 8 - 14 | ppb | -- NO | 09/08 | By-product of drinking water chlorination |
| Frederick County Sanitation Authority | | | 19.0 (avg) Range 6 - 40 | | NO | 07/08 | |

Lead and Copper (Most Recent Monitoring Period – Stephens City September 2008/FCSA June 2006)

| Contaminant | MCLG | MCL | Level Found | Unit Measurement | AL Exceeded | Samples > AL | Typical Source of Contamination |
|--|------|----------|-------------|------------------|-------------|--------------|--|
| Lead (I) Town of Stephens City | 0 | AL = 15 | -- < 5 | ppb | -- NO | -- 0 | Corrosion of household plumbing systems; Erosion of natural deposits |
| Frederick County Sanitation Authority | | | 7 | | NO | 2 | |
| Copper Town of Stephens City | 1.3 | AL = 1.3 | -- 0.025 | mg/l | -- NO | -- 0 | Corrosion of household plumbing systems; Erosion of natural deposits |
| Frederick County Sanitation Authority | | | 0.113 | | NO | 0 | |

(I) Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

Lead Contaminants

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Town of Stephens City is responsible for providing high quality drinking water, but cannot control the variety of materials used in the plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on the lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the

Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

We constantly monitor for various contaminants in the water supply to meet all regulatory requirements. The table lists only those contaminants that had some level of detection. Many other contaminants have been analyzed but were not present or were below the detection limits of the lab equipment.

Maximum Contaminant Levels (MCL's) are set at very stringent levels by the U.S. Environmental Protection Agency. In developing the standards EPA assumes that the average adult drinks 2 liters of water each day throughout a 70-year life span. EPA generally sets MCL's at levels that will result in no adverse health effects for some contaminants or a one-in-ten-thousand to one-in-a-million chance of having the described health effect for other contaminants.

VIOLATION INFORMATION

Water Quality and Monitoring:

We were in full compliance with all water quality and monitoring requirements and no violations occurred during calendar year 2008.

Reporting -Failure to Certify Consumer Confidence Report Issued:

One reporting violation occurred in October 2008 due to our failure to certify by October 1, 2008 to the Virginia Department of Health that the calendar year 2007 Consumer Confidence Report (CCR) was issued to our customers. As the owner of a community waterworks, we are required to prepare an annual drinking water quality report and distribute it to our customers. This report covered the drinking water quality for calendar year 2007 and was to be distributed by July 1, 2008 and delivery certified to the Virginia Department of Health by October 1, 2008. The Consumer Confidence Report was delivered to our customers on June 30, 2008; however certification of delivery was not received by the Virginia Department of Health until October 29, 2008. The duration of this violation was less than a month.

The waterworks owners prepared this Drinking Water Quality Report with the assistance and approval of the Virginia Department of Health (VDH). Please call if you have questions.

Signature:

Michael Kehoe

Date:

6/17/08

We realize that this might be a little difficult to read, but we wanted to make sure everyone had a copy of the Annual Water Quality Report. If you would like a more readable copy, please visit our website in the Town Services Section under "Utilities" and click on the link to view the report. If you do not have access to the internet, please feel free to stop by the Town Office and pick up a hard copy. Please let me know if you should have any other questions.

Sincerely,
Michael K. Kehoe
Town Manager

Water and Sewer Billing

Water and sewer bills for the bi-monthly billing ending **June 30, 2009** will be due and paid by **August 3, 2008**.

After **August 3, 2009** a **10% penalty** will be added. On **August 10, 2009** service may be discontinued for delinquency. A reconnect fee of **\$25** plus the full amount of the bill

must be paid before service can be restored.

Just a reminder that for your convenience a night drop is available at the Town Office for dropping off check or money order payments and payments can now be made online at the Town's website. Only Water/ Sewer, Personal & Real Estate Bills can

be paid using a Visa or MasterCard! If you pay a water bill after the due date, you will still be responsible for the 10% penalty and if the bill is paid after the shut off date, the \$25 reconnect fee will need to be paid as well, prior to reconnection.

Please do not put cash in the drop box!

Contributors to the 2009 Newtown Heritage Festival

The following businesses, organizations, and individuals greatly helped to make the 2009 Newtown Heritage Festival another huge success this year. We wish to express our sincere appreciation to all for their contributions which allows the festival to continue to be a premier community event from year to year.

Special thanks to *Jack's Auto Sales and the Town of Stephens City* for the grand fireworks display. Also *Woodgate Petroleum, B.J. Sager Inc. Winchester Law Group, Clem's Garage, Bank of Clarke County, Boyer Landscapes, Dawn Welch LCSW, Cardinal Electric Co., Gregory's Inc., High Point Restaurant, Red Apple Deli, Dr. William Stiegal, Stephens City Insurance, Edward Jones Inc., Green Apple Driving School, Dr. Thomas Gromling, Stephens City Family Dentistry, Shiela Pack-Remax Realty, Sareen and Associates, Mid Atlantic Receptive Services, Ed's Head Salon, Enrico's Restaurant, Newtown Veterinarian Clinic, Warrior Fitness LLC and First Bank* for contributions.

Special thanks for the donation of time and services from *Commercial Press, Graphics North, R&R Electric Company, Winchester Equipment, Carlyle and Anderson, the Police Departments of Middletown, Haymarket, Strasburg, Front Royal, and Winchester, the Virginia State Police, the Frederick County Sheriffs Department, Haines Agency, Rickey Bockey, Nick Rabe, the Newtown History Center, the Town's staff, and the Newtown Heritage Festival Committee.*

Sincerely,

Stephens City Town Council

NEWTOWN LOCAL MARKET

The Newtown Local Market is up and running again this year. Visit us at the Newtown Commons on Main Street every Thursday from 4:00 until 7:00 from now until October. Featured vendors have locally grown produce, farm fresh eggs, jams and jellies, plants, hand crafted items, baked goods, and so much more!! See you Thursdays!!!



Valley Cruiser's of Winchester
20th Anniversary Cruise-In
Saturday, July 18, 2009
9:00am - 3:00pm
Registration 9:00-12:00- Free



ALL VEHICLE WELCOME!

Award will be given for Longest Distance Traveled

Most Car Club Participant Award. (Please try to come as a group if you plan on parking together)

☆ **50/50 Raffle (Must be present to WIN!)**

☆ **Chinese Auction**

Great Oldies Rock & Roll!

FEATURING: Massanutten Antique Tractor Club

Town Calendar of Events

JULY

| | | |
|------|----|---|
| July | 2 | Dr. Peter B. Stickley Foundation at 7:30pm |
| July | 3 | Town Office is Closed- Honoring the 4th of July |
| July | 4 | Happy 4th of July |
| July | 7 | Town Council Meeting at 7:30pm |
| July | 13 | Personnel Committee at 5:00pm |
| July | 16 | Water/ Sewer Committee at 9:00 a.m. Public Works Committee at 9:30 a.m. Newtown Heritage Festival at 7:30p.m. |
| July | 18 | Valley Cruisers Car Show– Newtown Commons |
| July | 21 | HPC meeting at 7:30p.m. |
| July | 22 | Finance Committee at 5:00p.m. |
| July | 27 | Parks and Recreation Committee - 7:30p.m. |
| July | 28 | Planning Commission at 7:30p.m. |

** All meetings subject to change without notice w/ the exception of the Town Council meeting.*

AUGUST

| | |
|-----------|---|
| August 3 | Water/ Sewer Bills Due without penalty |
| August 4 | Town Council– 7:30 p.m. Penalties added to Water/Sewer Bills |
| August 6 | Dr. Peter B. Stickley Meeting at 7:30p.m. |
| August 10 | Personnel Committee at 5:00 pm Water/ Sewer Shut off Date |
| August 13 | Water/ Sewer Committee at 9:00 a.m. Public Works Committee at 9:30 a.m. Newtown Heritage Festival at 7:30pm |
| August 18 | HPC meeting at 7:30p.m. |
| August 24 | Parks & Recreation Committee– 7:30p.m. |
| August 25 | Planning Commission at 7:30p.m. |
| August 26 | Finance Committee at 5:00p.m. |

We're on the web!
www.stephenscity.vi.virginia.gov

The Business Spotlight!

It's Coming!

Saturday, September 26, 2009

1st ever

Stephens City Business Expo on the Commons

This first ever Stephens Business Expo will be an opportunity to visit with local business owners, see demonstrations get samples. The businesses will also compete in a local Business Chili Cook-off and much, much more! There will be more information to come in the next newsletter. Don't miss it and remember to shop local, it's all right here!

We look forward to seeing you!

